



2121

PATENT

Case Docket No. FY.16706US0A

Date: May 21, 2003

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Ichikai Kamihira  
Appl. No. : 09/824,462  
Filed : April 2, 2001  
For : CHARACTERISTIC  
CONTROL DEVICE FOR  
CONTROL SUBJECT  
Examiner : E. Gain  
Group Art Unit : 2121

I hereby certify that this correspondence and all  
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Patents, P.O. Box 1450, Alexandria, VA 22313-  
1450, on

May 21, 2003

(Date)

Katsuhiro Arai, Reg. No. 43,315

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Technology Center 2100

## TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with eight (8) references.
- (X) A copy of Communication dated April 15, 2003.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Katsuhiro Arai  
Registration No. 43,315  
Agent of Record  
Customer No. 20,995  
(949) 760-0404



P.B.5818 - Patentlaan 2  
2280 HV Rijswijk (ZH)  
☎ +31 70 340 2040  
TX 31651 epo nl  
FAX +31 70 340 3016

Europäisches  
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Zweigstelle  
in Den Haag  
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abteilung

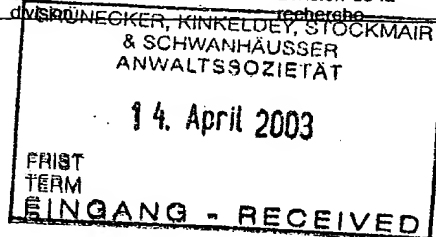
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Grünecker, Kinkeldey,  
Stockmair & Schwanhäusser  
Anwaltssozietät  
Maximilianstrasse 58  
80538 München  
ALLEMAGNE



Datum/Date

15.04.03

Zeichen/Ref./Réf.

EP 20945-01377/ ✓

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

01108519.8-2206- ✓

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

YAMAHA HATSUDOKI KABUSHIKI KAISHA

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

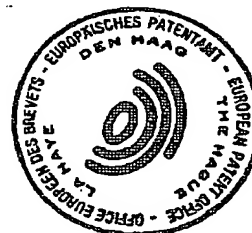
☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 1

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
(1) X ✓	US 6 032 139 A (YAMAGUCHI MASASHI ET AL) 29 February 2000 (2000-02-29)  * column 4, line 2 - column 8, line 60; figures 1,4,5 *	1-4,8, 14-16, 18,19	G05B13/02
(2) X ✓	EP 0 969 385 A (YAMAHA MOTOR CO LTD) 5 January 2000 (2000-01-05) * figure 4 *	1,14	
(3) X ✓	US 5 043 862 A (TAKAHASHI SUSUMU ET AL) 27 August 1991 (1991-08-27) * column 3, line 34 - column 4, line 3 *	1,2,5, 14,15 6,7,17	
(4) Y ✓	US 5 546 506 A (ARAKI SHOICHI ET AL) 13 August 1996 (1996-08-13) * column 16, line 45 - column 17, line 16 * * figures 13,15 * * column 19, line 39 - column 21, line 28 *	6,7,17	
(5) X ✓	US 5 213 077 A (IWAI TOMOHIRO ET AL) 25 May 1993 (1993-05-25) * column 7, line 13 - column 12, line 66 *	1,2,5, 14,15	TECHNICAL FIELDS SEARCHED (Int.Cl.7) G05B
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(8) A ✓	EP 0 715 253 A (OMRON TATEISI ELECTRONICS CO) 5 June 1996 (1996-06-05) * figures 14-16 *		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 7 April 2003	Examiner Kelperis, K
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 10 8519

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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07-04-2003

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